

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/005352

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A47L13/256 A47L13/254

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A47L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 852 210 A (KRAJICEK STEPHEN W) 1 August 1989 (1989-08-01)  column 2, line 4 - column 4, line 7; figure 7	1-4, 6, 11-13, 16, 17
A	US 6 098 239 A (VOSBIKIAN PETER S) 8 August 2000 (2000-08-08)	
A	DE 197 13 709 A (WEBER HERMANN) 8 October 1998 (1998-10-08)	
A	US 3 465 377 A (THOMAS GORDON D) 9 September 1969 (1969-09-09)	
A	DE 724 147 C (ANNA MENZ GEB LORKE) 19 August 1942 (1942-08-19)	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the International search

3 September 2004

Date of mailing of the International search report

17/09/2004

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Information on patent family members

International Application No  
PCT/EP2004/005352

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4852210	A	01-08-1989	NONE			
US 6098239	A	08-08-2000	WO	0145547 A1		28-06-2001
DE 19713709	A	08-10-1998	DE	19713709 A1		08-10-1998
US 3465377	A	09-09-1969	NONE			
DE 724147	C	19-08-1942	NONE			